

Amendments to the Claims

This Listing of Claims will replace all prior listings and versions of the claims in this application.

Listing of Claims

1. **(Currently Amended)** A disposable pretreatment module, wherein the pretreatment module is adapted to be associated upstream of a purification treatment module in a fluid purification system, wherein the purification treatment module comprising a means for purifying a fluid by tangential filtration, and wherein the pretreatment module comprises comprising: (1) a purification pretreatment means; and (2) a housing in which the purification pretreatment means are housed; wherein there is fluid communication between the purification system and the pretreatment module, and wherein the housing contains from the outset a cleaning agent disposed to come into contact with a fluid caused to circulate inside the housing, to clean at least a portion of the a purification system which is downstream of the pretreatment module, after a cleaning cycle has been started.

2. **(Previously Presented)** The module according to claim 1, wherein the housing may not be demounted.

3. **(Previously Presented)** The module according to claim 1, wherein the cleaning agent is disposed at a location selected from the group consisting of between an inlet for fluid to be treated formed in the housing and the purification pretreatment means and between the purification pretreatment means and a purified fluid outlet formed in the housing.

4. **(Previously Presented)** The module according to claim 1, wherein the cleaning agent is housed in a space in the housing.

5. **(Withdrawn; Previously Presented)** The module according to claim 1, wherein the cleaning agent is housed in a space delimited by a retaining means for the cleaning agent.

6. **(Currently Amended)** The module according to claim 4~~19~~, wherein the tangential filtration is selected from the group consisting of reverse osmosis, nanofiltration, ultrafiltration and microfiltration.

7. **(Canceled)**

8. **(Previously Presented)** The module according to claim 1, wherein the purification pretreatment means is selected from the group consisting of ion exchanger activated supports, ion exchanger activated resins, activated charcoal, chlorine reduction agents, front filtration members, tartar formation reduction agents and combinations thereof.

9. **(Previously Presented)** The module according to claim 1, wherein the cleaning agent comprises a chemical compound or an association of chemical compounds, wherein the cleaning agent is capable of one or more of destroying a biofilm, having a bactericidal effect, eliminating organic soiling and eliminating mineral soiling.

10. **(Previously Presented)** The module according to claim 1, wherein the cleaning agent is in a form selected from the group consisting of powder, crystals, granules, tablets, capsules and sachets.

11. **(Previously Presented)** The module according to claim 1, wherein the cleaning agent is selected from the group consisting of a chlorinated product, an organochlorinated product, an oxidizing product, an acid, a base and a disinfectant solution.

12. **(Previously Presented)** The module according to claim 1, wherein the cleaning agent is selected from the group consisting of bleach, a chloramine, hypochloric acid, hypochlorous acid, citric acid, tartaric acid, acetic acid, perchloric acid, peracetic acid and salts thereof, sodium hydroxide, potassium hydroxide, potassium permanganate, potassium dichromate, a solution of hydrogen peroxide and peracetic acid, and organic complexes containing silver salts.

13. **(Canceled)**

14. **(Currently Amended)** A system for purifying a fluid comprising at least one ~~fluid purification pretreatment~~ module as defined in claim 1.

15. **(Withdrawn; Previously Presented)** A method of fabricating a disposable fluid purification module according to claim 1, comprising the mounting of

purification means in a housing, placing a cleaning agent inside the housing and closing the housing.

16. **(Withdrawn; Currently Amended)** A method of cleaning at least a portion of a fluid purification system comprising the steps of connecting a disposable fluid purification module of claim 1 to a fluid purification system and then starting a system cleaning procedure-cycle.

17. **(Previously Presented)** The module of claim 1, wherein the cleaning agent is housed in a recess in a raised portion of the housing.

18. **(Withdrawn; Previously Presented)** The module according to claim 1 wherein the cleaning agent is housed in a space delimited by a cage for the cleaning agent.

19. **(Currently Amended)** The module according to claim 1, wherein the cleaning agent is disposed at a location selected from the group consisting of between the purification pretreatment means and the a means for purifying a liquid by tangential filtration, wherein the tangential filtration means is located in a purification treatment module in the fluid purification system and between the means for purifying a liquid by tangential filtration and a fluid outlet formed in the housing.

20. **(Withdrawn; Currently Amended)** A method of cleaning at least a portion of a fluid purification system comprising providing a fluid purification system, connecting a disposable fluid purification module to the fluid purification system, the module comprising a fluid purification means, a housing in which the purification means are housed, and a means for removably connecting the purification module to the purification system to establish fluid communication between the purification system and the purification module, the housing contains a cleaning agent disposed to come into contact with the fluid caused to circulate inside the housing to clean at least a portion of the purification system, the housing further contains a means for identification of the module, the fluid purification system contains a means for reading the means for identification of the module and starting a system cleaning procedure-cycle for the fluid purification system following identification of the module by the fluid purification system.

21. (Currently Amended) The disposable pretreatment module of claim 22 †, wherein the fluid is water.

22. (New) The disposable pretreatment module of claim 1, wherein the cleaning agent is disposed to come into contact with a fluid caused to circulate inside the housing to clean at least a portion of a purification system which is downstream of the pretreatment module.